Mountain Weather Forecast

Eryri (Snowdonia) National Park

Forecast valid from 00:00 on Saturday 30 Dec 2023 until 23:59 on Sunday 31 Dec 2023

Forecast Issued on Friday 29 Dec 2023 at 15:56

Confidence: High confidence for unsettled, wintery weather with some snow accumulations expected on the hills over the New Year period. Very windy at times with significant windchill effect and poor visibility likely in wintery showers. Uncertainty in exact snow level and amount of showers later in the period.

Headline for Saturday 30 Dec 2023: A wet day with heavy rain for much of the day and southerly severe gales.

Mountain weather hazards on Saturday 30 Dec 2023

Blizzards
No Likelihood

Gales
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Medium Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
Low Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Dull
Precipitation probability							
20%	20%	70%	70%	80%	80%	50%	30%

Forecast for Saturday 30 Dec 2023

Weather: A few wintery showers in the early hours of Saturday but mostly dry by dawn. Soon after dawn an area of rain spreads east over the National Park and is expected to take most of the day to clear east, the rain may fall as sleet on the mountain tops at first but will turn to rain for all. Rain will be heavy and persistent at times but may become more showery by late afternoon. Any lying snow is likely to melt with very wet conditions underfoot. Accompanied by strong southerly winds which will enhance the wind chill effect. Drier during the evening but remaining cloudy and dull.

Chance of cloud-free hill tops above 800m: 80% falling to 40%, due to rain spreading across the area.

Low Cloud and visibility: Few or scattered layers of cloudy above 600m early in the day. Cloud will thicken and lower during the morning with broken layers above 400m, particularly in the west, perhaps higher and more scattered towards northern mountains with some shelter. Visibility will be good initially in the morning but deteriorating as rain spreads in, becoming poor at times in heavier bursts of rain, improving slightly later in the day as the rain clears east.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Saturday 30 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	27/33 SW	22/26 SW	28/35 SE	45/56 S	48/62 S	31/41 SW	37/47 S	34/44 S	33/43 S
600	16/22 SW	13/17 S	22/29 SE	34/45 S	37/51 S	23/32 SW	26/36 S	25/34 S	25/34 S
300	10/22 SW	7/15 S	15/25 SE	22/39 S	24/44 S	15/28 S	18/32 S	17/30 S	17/30 S
Valley	11/22 SW	7/15 S	15/24 SE	22/38 S	24/43 S	14/28 S	17/31 S	16/29 S	16/29 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-9	-0/-7	0/-7	3/-5	4/-4	2/-6	1/-7	1/-7	1/-7
600	1/-4	2/-3	3/-3	5/-2	6/-1	4/-2	3/-3	3/-3	3/-4
300	4/-0	4/1	4/-0	7/2	8/4	6/2	6/1	5/0	5/0
Valley	5/2	5/2	5/1	8/4	9/5	8/4	7/3	6/2	6/2
Freezing Level*	700m	700m	1200m	1400m	1700m	1100m	1000m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill expected, bitterly cold at height in severe gales combined with rain. Freezing level rises during the day with all precipitation falling as rain and lying snow melting. Some storm force gusts expected, greater than 70mph during the afternoon.

Forecast for Sunday 31 Dec 2023

Weather: A showery day with fresh or strong winds, showers will be wintery and squally above 800m during the day. Possible whiteout conditions at times on Snowdon.

Maximum wind: Southeasterly 30-35mph gusts 40-45mph, turning Northwesterly later in the day.

Chance of cloud-free hill tops above 800m: 60%, low cloud building around showers.

Low Cloud and visibility: Layers of scattered or broken cloud above 500m, becoming more prevalent as showers group together, out with showers some brighter conditions and possible views. Mainly moderate visibility turning poor in heavier showers.

Temperature: **Valleys:** Plus 2 rising to 7 Celsius.
At 800m: Zero Celsius.
Freezing level: 800m

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Ground Conditions Supplement
Please see - https://yrwyddfa.live/
Issued at: 1556 on Fri 29 Dec 2023

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.